

## REMARKS

Claims 1 and 3-9 are pending in the application. Claims 1 and 9 have been amended herein. Claim 2 has been canceled. Favorable reconsideration of the application, as amended, is respectfully requested.

Claim 1 has been amended to define further the features of the invention as is discussed below in more detail. Claim 9 has been amended to correct a typographical error.

***I. REJECTION OF CLAIMS 1-7 UNDER 35 USC §103(a)***

Claims 1-7 stand rejected under 35 USC §103(a) based on *Marshall* in view of *Jones*. Applicants respectfully request withdrawal of the rejection for at least the following reasons.

According to one aspect of the invention, the loop-type thermosiphon includes an annular evaporator 1 having a heat absorption portion 1a with a curved surface as exemplified in Fig. 1 (reproduced herein). Working fluid that has passed through the condenser 3 and has been condensed is led above the curved surface of the heat absorption portion 1a from an upper portion of the evaporator 1. Moreover, the working fluid is made to fall on an

upper portion of the heat absorption portion 1a.

An advantage of such a design is that the working fluid may flow slowly along the curved surface of the heat absorption portion 1a. Thus, the working fluid may effectively absorb heat from the heat source 5.

Applicants have amended claim 1 of the present application to recite such features. Specifically, the loop-type thermosiphon includes the annular evaporator having a heat absorption portion with a curved surface. The condenser condenses the working fluid that is evaporated in the evaporator. The working fluid that has been condensed is led above the curved surface of the heat absorption portion from an upper portion of the evaporator and is made to fall on an upper portion of the heat absorption portion.

*Marshall* fails to teach or suggest such a configuration as recited in amended claim 1. For example, *Marshall* teaches an area 1 having a flat top surface. *Marshall* does not teach or suggest a heat absorption portion with a curved surface as recited in amended claim 1. Nor does *Marshall* teach or suggest the above-noted advantages associated with such a configuration.

*Jones* does not make up for the above-discussed deficiencies in *Marshall*. *Jones* also does not teach or suggest a heat absorption portion with a curved surface as recited in amended claim 1.

Therefore, applicants respectfully submit that even if the teachings of *Marshall* and *Jones* were combined as proposed by the Examiner, the claimed invention would not result. Withdrawal of the rejection of claims 1 and 3-7 is respectfully requested.

**II. REJECTIONS OF CLAIMS 8 AND 9 UNDER 35 USC §103(a)**

Claims 8 and 9 stand rejected under 35 USC §103(a) based on *Marshall* in view of *Jones*, and further in view of *DiPaolo* and *Berchowitz et al.*, respectively. Applicants respectfully request withdrawal of these rejections for at least the following reasons.

Claims 8 and 9 each depend from claim 1 and can be distinguished over *Marshall* and *Jones* for at least the same reasons discussed above. Furthermore, *DiPaolo* and *Berchowitz et al.* each fail to make up for the deficiencies in *Marshall* and *Jones*.

As a result, applicants respectfully request that the rejections of claims 8 and 9 be withdrawn.

**III. CONCLUSION**

Accordingly, all claims 1 and 3-9 are believed to be allowable and the application is believed to be in condition for allowance. A prompt action to such end is earnestly solicited.

Should the Examiner feel that a telephone interview would be helpful to facilitate favorable prosecution of the above-identified application, the Examiner is invited to contact the undersigned at the telephone number provided below.

Should a petition for an extension of time be necessary for the timely reply to the outstanding Office Action (or if such a petition has been made and an additional extension is necessary), petition is hereby made and the Commissioner is authorized to charge any fees (including additional claim fees) to Deposit Account No. 18-0988.

Respectfully submitted,

RENNER, OTTO, BOISSELLE & SKLAR, LLP

/Mark D. Saralino/

Mark D. Saralino

Reg. No. 34,243

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The Keith Building  
1621 Euclid Avenue  
Nineteenth Floor  
Cleveland, Ohio 44115  
(216) 621-1113